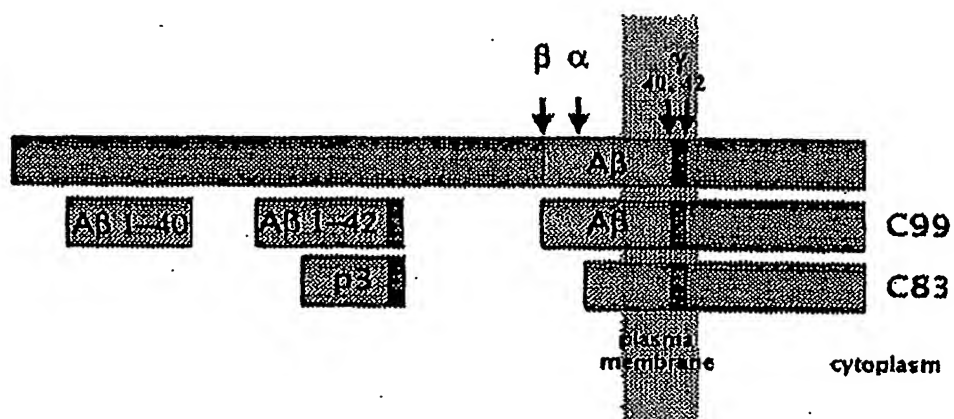


FIGURE 1A



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siRNA1

Human BACE1 175 GCTTTGTGGAGATGGTGGA 194
Mouse BACE1 175 GCTTTGTGGAGATGGTGGA 194
Rat BACE1 175 GCTTTGTGGAGATGGTGGA 194
Mouse BACE2 214 ACTTCTTGGCTATGGTGGA 233
Human BACE2 226 ACTTCTTGGCCATGGTAGA 245

siRNA 2

Human BACE1 257 GACGCTCAACATCCTGGTG 276
Mouse BACE1 257 GACGCTCAACATCCTGGTG 276
Rat BACE1 257 GACGCTCAACATCCTGGTG 276
Mouse BACE2 296 GAAGGTACAGATTCTTGTG 315
Human BACE2 308 GAAGCTACAGATTCTCGTT 327

siRNA3

Human BACE1 826 TGGACTGCAAGGAGTACAA 845
Mouse BACE1 826 TGGACTGCAAGGAGTACAA 845
Rat BACE1 826 TGGACTGCAAGGAGTACAA 845
Mouse BACE2 856 875
Human BACE2 868 887

siRNA 4

Human BACE1 1237 TTGGCTTTGCTGTCAGCGC 1256
Mouse BACE1 1237 TTGGCTTTGCTGTCAGCGC 1256
Rat BACE1 1237 TTGGCTTTGCTGTCAGCGC 1256
Mouse BACE2 1264 TGGGCTTTGCAGTGAGTCC 1283
Human BACE2 1276 TGGGCTTCGCAGCGAGCCC 1295

Human BACE1:

FIGURE 1C

```

1  atggcccaag ccctgccctg gtccttgctg tggatgggcg cgggagtgtt gcctgcccac
61  ggcacccagc acggcatccg gctgcccctg cgcagcggcc tggggggcgc ccccttgggg 1
121 ctgcccgtgc cccgggagac cgacgaagag cccgaggagc cgggccggag gggcagcttt
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1321 gaagactgtg gctacaacat tccacagaca gatgagtcaa ccctcatgac catagcctat
1381 gtcattggctg ccatctgcgc cctcttcatg ctgccactct gcctcatggg gtgtcagtgg
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1501 aagtga

```

FIGURE 2

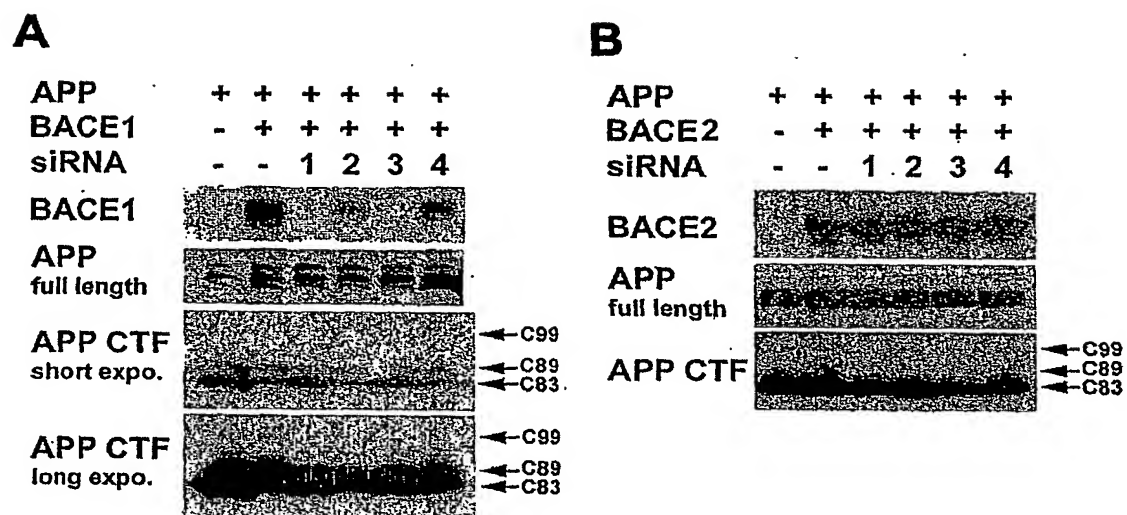


FIGURE 3

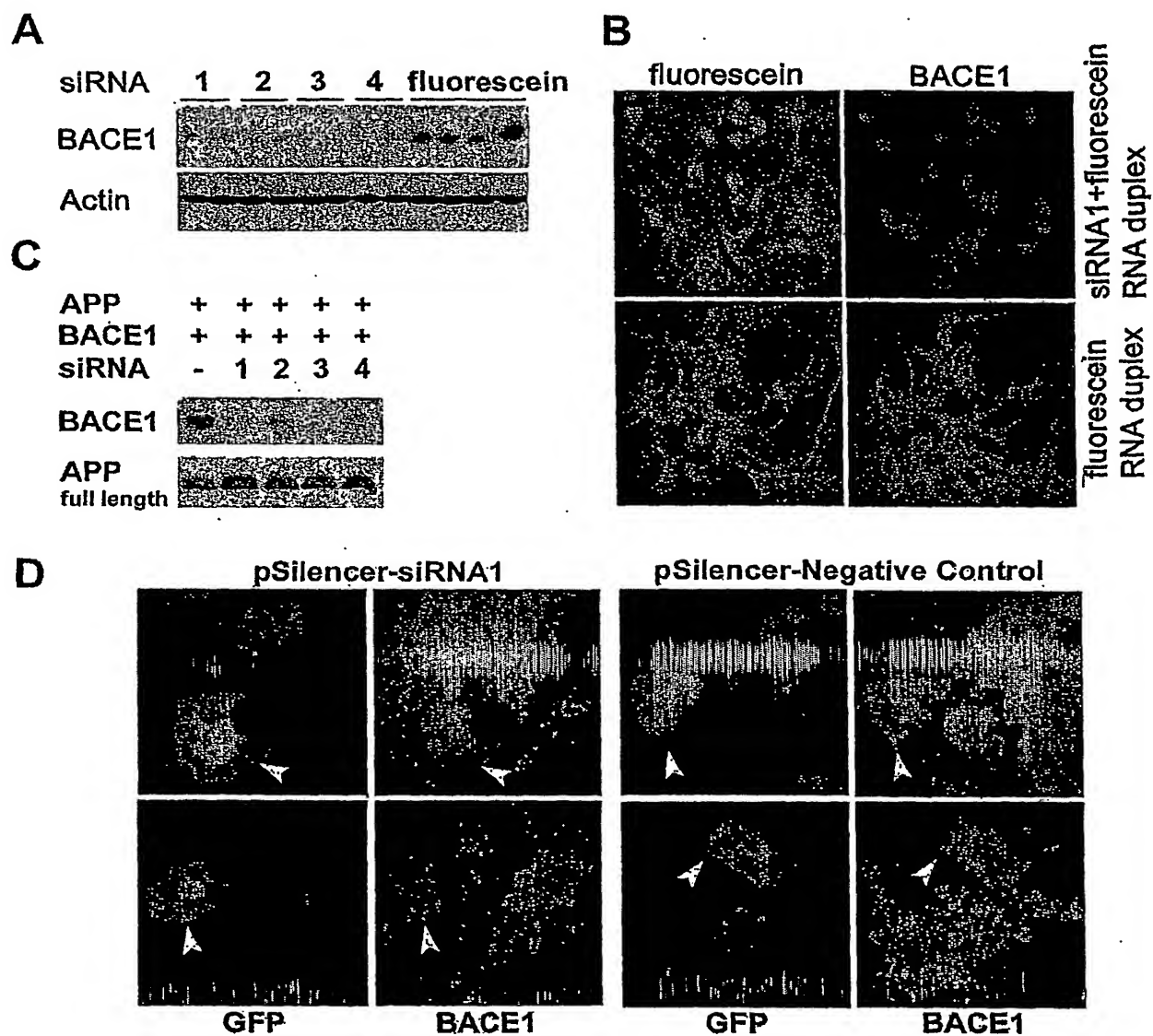


FIGURE 4

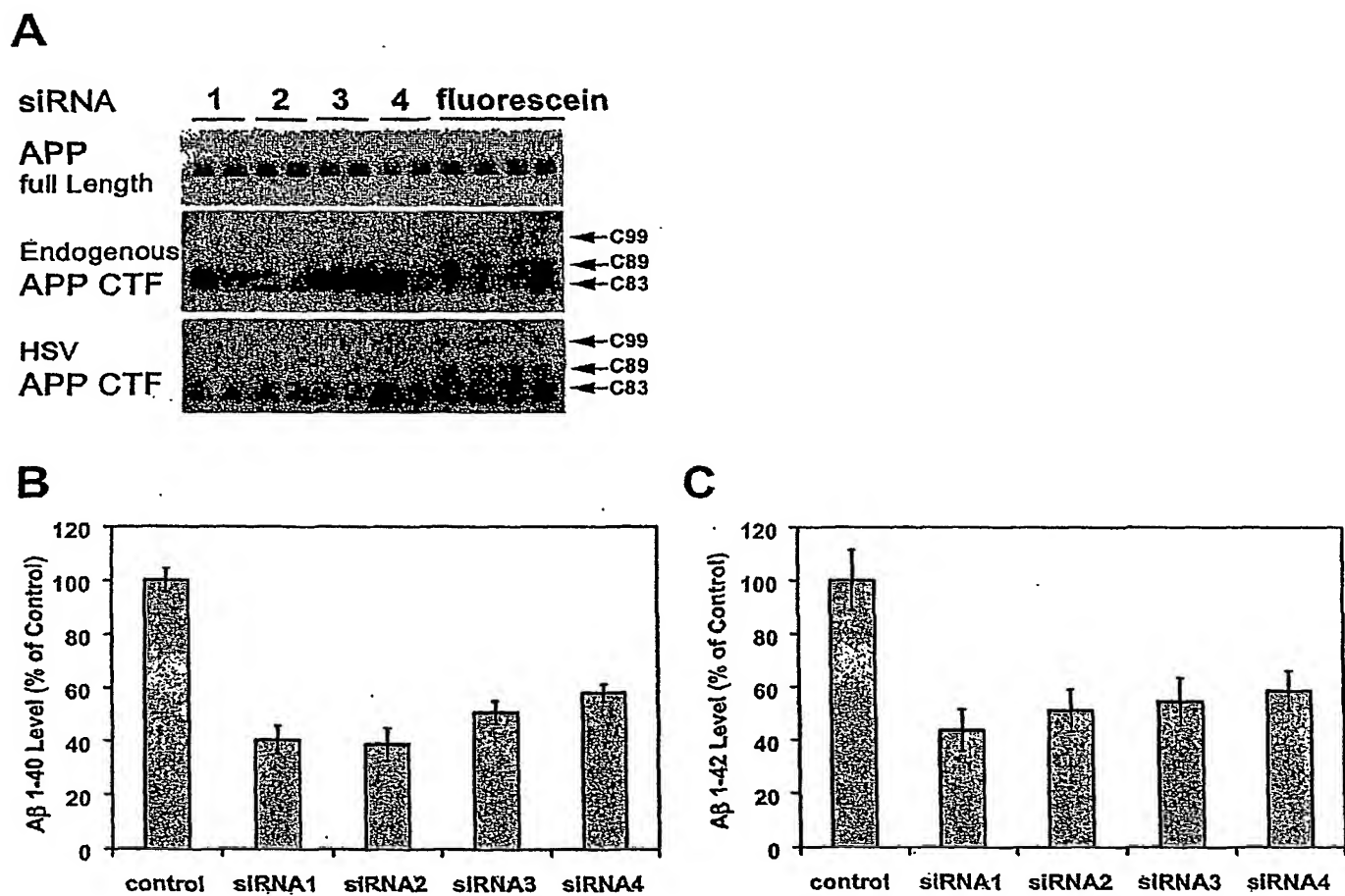


FIGURE 5

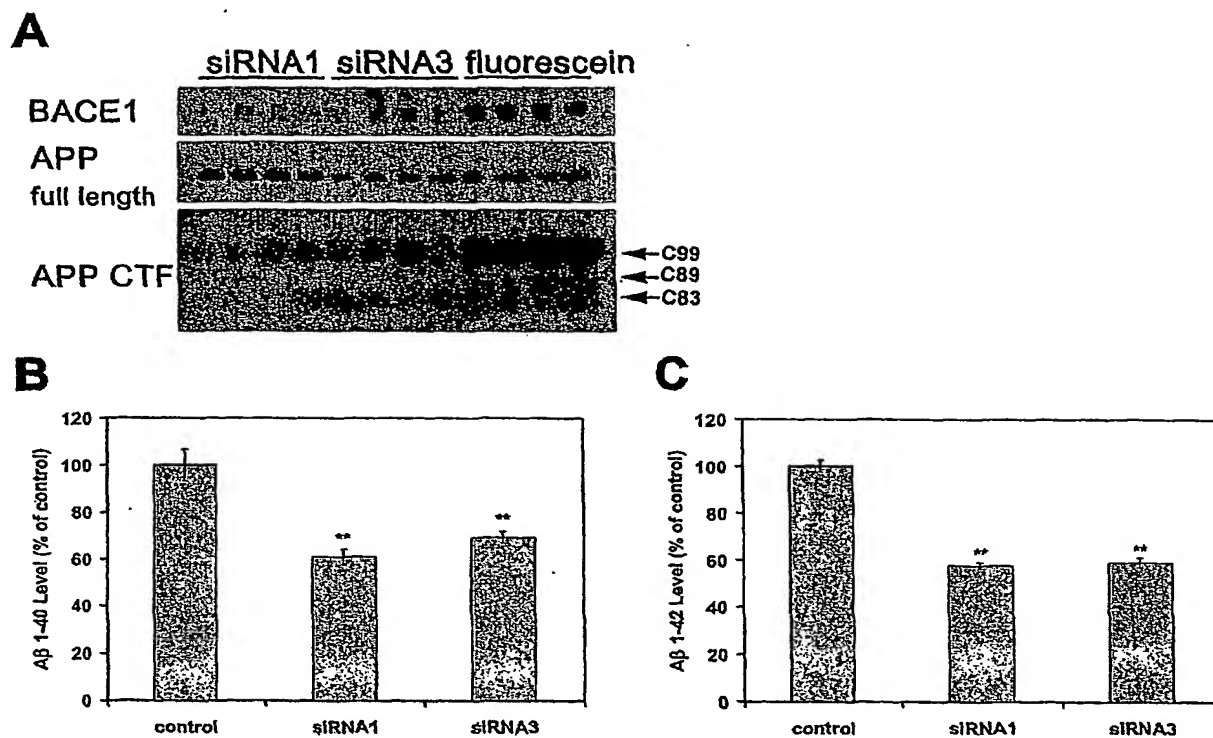
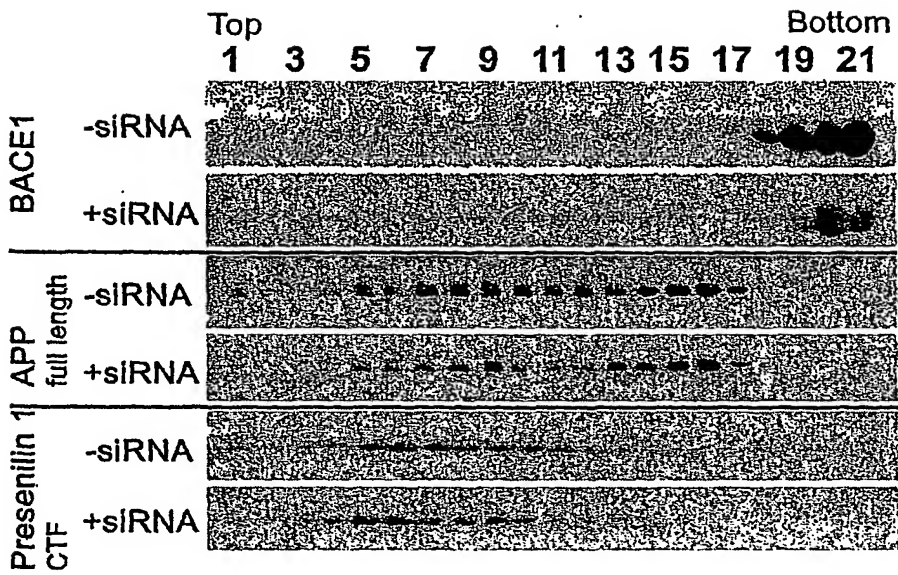
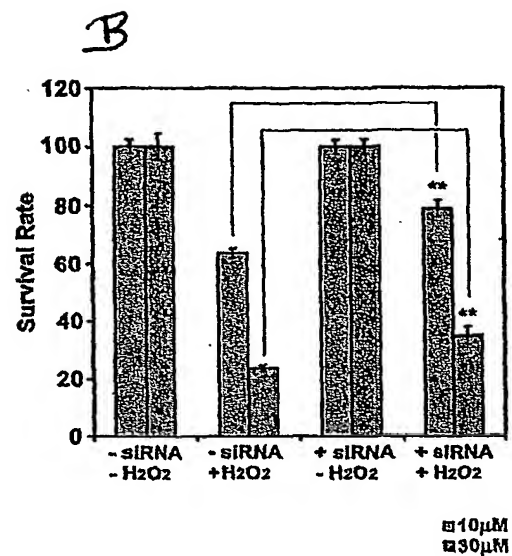
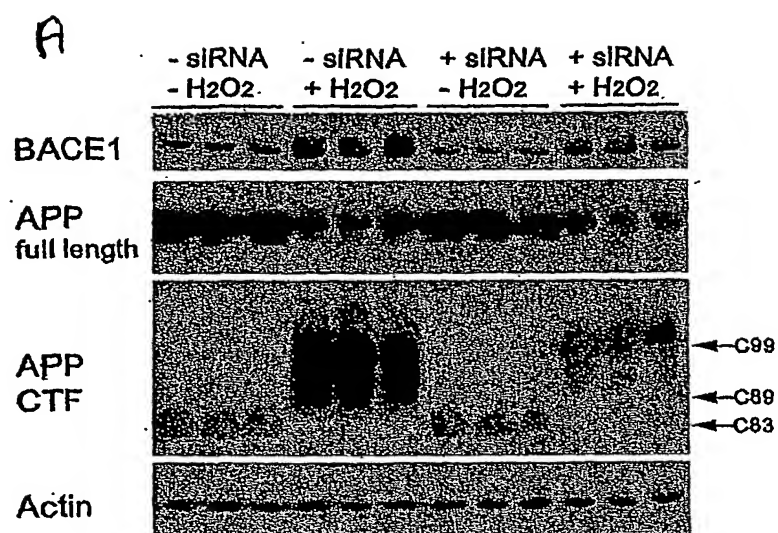


FIGURE 6



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FIGURE 7



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